

What is claimed:

1. A refractory roll cover for a pulling roll used in the production of glass sheet characterized by:
  - a) a contacting segment adapted to contact the glass sheet, comprising a low  
5       dusting millboard; and
  - b) a rigid segment providing mechanical support for the contacting segment, comprising rigidized compressed fiber.
2. The roll cover of claim 1, characterized by the millboard comprising clay and mica.
- 10   3. The roll cover of claim 1, characterized by the rigid portion comprising a sealed surface, thereby reducing dusting of the rigid segment.
4. The roll cover of claim 1, characterized by the rigid segment comprising a shoulder adjacent to the contacting segment, thereby improving mechanical support for the contacting segment.
- 15   5. The roll cover of claim 4, characterized by the contacting segment comprising an inclined edge that transitions into the shoulder, whereby a discontinuity with the rigid segment is reduced.
6. The roll cover of claim 1, characterized by the rigid segment positioned between at least two contacting segments.
- 20   7. The roll cover of claim 1, characterized by the contacting segment positioned between at least two rigid segments.
8. The roll cover of claim 1, characterized by at least two contacting segments separating the rigid segment and bounded by at least two additional rigid segments.
- 25   9. The roll cover of any one of the preceding claims, characterized by the

contacting segment having a larger external diameter than the rigid segment,  
whereby the glass sheet avoids contact with the rigid segment.

10. A refractory pulling roll for the production of glass sheet comprising the refractory roll cover of claim 1, characterized by:

- 5       a) a plurality of end plates; and
- b) at least one compressive spring between at least one end plate and the roll cover, whereby a compressive force is exerted on the roll cover.
11. The pulling roll of claim 10, characterized by the rigid segment having an end, and a compression ring adjacent to the end cooperating with the pulling roll to
- 10       maintain compression on the rigid segment.
12. The roll cover of claim 10, characterized by the rigid segment having two ends, and a compression ring at each end of the rigid segment.
13. The roll cover of claim 11 or 12, characterized by the compression ring comprising a split ring.
- 15   14. The roll cover of claim 12, characterized by the rigid segment positioned between at least two contacting segments.